

DAFTAR PUSTAKA

1. Cho N, Kirigia J, Ogustova K, Reja A. IDF diabetes atlas [Internet]. 10th ed. International Diabetes Federation; 2021. 1–150 p. Available from: www.diabetesatlas.org
2. Williams R, Colagiuri S, Almutairi R, Montoya P, Basit A, Beran D, et al. IDF diabetes atlas [Internet]. 9th ed. International Diabetes Federation. 2019. 134–137 p. Available from: www.diabetesatlas.org
3. Naous E, Boulos M, Sleilaty G, Achkar AA, Gannagé-Yared M-H. Quality of life and other patient-reported outcomes in adult Lebanese patients with type 2 diabetes during COVID-19 pandemic. *J Endocrinol Invest* [Internet]. 2022;45(4):763–72. Available from: <https://doi.org/10.1007/s40618-021-01701-6>
4. Mihardja L, Soetrisno U, Soegondo S. Prevalence and clinical profile of diabetes mellitus in productive aged urban Indonesians. *J Diabetes Investig* [Internet]. 2014;5(5):507–12. Available from: <https://doi.org/10.1111%2Fjdi.12177>
5. Himawan IW, Pulungan AB, Tridjaja B, Batubara JRL. Komplikasi jangka pendek dan jangka panjang diabetes mellitus tipe 1. *Sari Pediatr* [Internet]. 2016;10(6):367. Available from: <https://saripediatri.org/index.php/saripediatri/article/download/626/561>
6. Saputri RD. Komplikasi sistemik pada pasien diabetes melitus tipe 2. *J Ilm Kesehat Sandi Husada* [Internet]. 2020;11(1):230–6. Available from: <https://doi.org/10.35816/jiskh.v11i1.254>

7. Lu Y, Xing P, Cai X, Luo D, Li R, Lloyd C, et al. Prevalence and risk factors for diabetic peripheral neuropathy in type 2 diabetic patients from 14 countries: Estimates of the INTERPRET-DD study. *Front Public Heal* [Internet]. 2020;8(534372):1–8. Available from: <https://doi.org/10.3389/fpubh.2020.534372>
8. Degu H, Wondimagegnehu A, Yifru YM, Belachew A. Is health related quality of life influenced by diabetic neuropathic pain among type II diabetes mellitus patients in Ethiopia? *PLoS One* [Internet]. 2019;14(2):1–11. Available from: <https://doi.org/10.1371/journal.pone.0211449>
9. Nursyamsi, habibah S M, Ichsan AM. Prevalensi retinopati diabetik yang mengancam penglihatan dan tidak terdiagnosa di RSUP dr. Wahidin Sudirohusodo. *JST Kesehat* [Internet]. 2018;8(2):169–75. Available from: http://pasca.unhas.ac.id/jurnal/inc/downlaod.php?id_journal=4499&linksx=6850257dcd2da215f5cd021d45ddd7ef&ext=.pdf&hit=0
10. Sharma G, Parihar A, Talaiya T, Dubey K, Porwal B, Parihar MS. Cognitive impairments in type 2 diabetes, risk factors and preventive strategies. *J Basic Clin Physiol Pharmacol* [Internet]. 2020;31(2):1–14. Available from: <https://doi.org/10.1515/jbcpp-2019-0105>
11. Surkova E V., Tanashyan MM, Bepalov AI, Naminov A V. Diabetes mellitus and cognitive impairment. *Curr Diab Rep* [Internet]. 2019;91(10):112–8. Available from: <https://doi.org/10.1007/s11892-016-0775-x>
12. Handika NJ. Gambaran kejadian depresi pada pasien diabetes mellitus tipe 2

- di rumah sakit umum pusat (rsup) Sanglah Denpasar Bali. *Med Udayana* [Internet]. 2016;9(1):82–8. Available from: <https://ojs.unud.ac.id/index.php/eum/article/view/63539>
13. Hariyanto PKY, Utomo MFP, Paramita NPC, Baswara CGPK, Yuliyatni PCD. Prevalensi dan gambaran karakteristik kejadian depresi pada pasien geriatri di Unit Pelayanan Terpadu (UPT) Kesehatan Masyarakat (Kesmas) Dawan I Klungkung, Bali, Indonesia. *Intisari Sains Medis* [Internet]. 2020;11(1):296. Available from: <https://doi.org/10.15562/ism.v11i1.557>
 14. Eren İ, Erdi Ö, Şahin M. The effect of depression on quality of life of patients with type II diabetes mellitus. *Depress Anxiety* [Internet]. 2008;25(2):98–106. Available from: <https://doi.org/10.1002/da.20288>
 15. Kshanti IA, Epriliawati M, Mokoagow MI, Nasarudin J, Magfira N. The impact of COVID-19 lockdown on diabetes complication and diabetes management in people with diabetes in Indonesia. *J Prim Care Community Health* [Internet]. 2021;12:1–10. Available from: <https://doi.org/10.1177/21501327211044888>
 16. Isla P. Living with diabetes: Quality of care and quality of life. *Patient Preference Adherence* [Internet]. 2011;5:65. Available from: <http://www.dovepress.com/living-with-diabetes-quality-of-care-and-quality-of-life-peer-reviewed-article-PPA>
 17. Rwegerera GM, Moshomo T, Gaenamong M, Oyewo TA, Gollakota S, Rivera YP, et al. Health-related quality of life and associated factors among patients with diabetes mellitus in Botswana. *Alexandria J Med* [Internet].

- 2018;54(2):111–8. Available from:
<https://doi.org/10.1016/j.ajme.2017.05.010>
18. Ibrahim F, Wahid H, Mohamed A, Farg H. Physical and psychological health domains of QOL in relation to clinical factors of diabetes mellitus in Egypt. *Int Res J Med Med Sci* [Internet]. 2019;4(1):7–16. Available from: https://www.researchgate.net/publication/308938335_Physical_and_psychological_health_domains_of_quality_of_life_in_type_2_diabetic_patients_in_relation_to_clinical_factors_of_diabetes_mellitus_in_Egypt
 19. Al-Abadla Z, Elgzyri T, Moussa M. The effect of diabetes on health-related quality of life in Emirati patients. *Dubai Diabetes Endocrinol J* [Internet]. 2022;28(1):35–44. Available from: <https://doi.org/10.1159/000520599>
 20. Maharani AR, Purwanti NU, Yuswar MA. Instrumen Diabetes Quality of Life Clinical Trial Questionnaire (DQLCTQ) untuk mengukur tingkat kualitas hidup pasien diabetes melitus tipe 2. *J Syifa Sci Clin Res* [Internet]. 2022;4(2):396–407. Available from: <https://doi.org/10.37311/jsscr.v4i2>
 21. Palamenghi L, Carlucci MM, Graffigna G. Measuring the quality of life in diabetic patients: A scoping review. *J Diabetes Res* [Internet]. 2020 May 22;2020:1–19. Available from: <https://doi.org/10.1155/2020/5419298>
 22. Barello S, Palamenghi L, Graffigna G. The mediating role of the patient health engagement model on the relationship between patient perceived autonomy supportive health care climate and health literacy skills. *Int J Environ Res Public Health* [Internet]. 2020;17(5):2–13. Available from: <https://doi.org/10.3390/ijerph17051741>

23. Zurita-Cruz JN, Manuel-Apolinar L, Arellano-Flores ML, Gutierrez-Gonzalez A, Najera-Ahumada AG, Cisneros-González N. Health and quality of life outcomes impairment of quality of life in type 2 diabetes mellitus: A cross-sectional study. *Health Qual Life Outcomes* [Internet]. 2018;16(1):1–7. Available from: <https://doi.org/10.1186/s12955-018-0906-y>
24. ADA. *Diabetes Care - Standards of medical care in Diabetes 2020*. Am Diabetes Assoc [Internet]. 2020;43(1). Available from: <https://doi.org/10.2337/dc20-SPPC>
25. Gebremedhin T, Workicho A, Angaw DA. Health-related quality of life and its associated factors among adult patients with type II diabetes attending Mizan Tepi University Teaching Hospital, Southwest Ethiopia. *BMJ Open Diabetes Res Care* [Internet]. 2019;7(1):1–8. Available from: <http://dx.doi.org/10.1136/bmjdr-2018-000577>
26. Tekir O, Çevik C, Kaymak GÖ, Kaya A. The effect of diabetes symptoms on quality of Life in individuals with type 2 diabetes. *Acta Endocrinol (Copenh)* [Internet]. 2021;17(2):186–93. Available from: <https://doi.org/10.4183%2Faeb.2021.186>
27. Dinas Kesehatan Kabupaten Magelang. *Profil puskesmas Mungkid* [Internet]. Magelang; 2022. Available from: <https://dinkes.magelangkab.go.id/download/profil-puskesmas-mungkid-tahun-2022/>
28. Kaur P, Chugh SN, Singh H, Tanwar VS, Sukhija G, Mathur R. Fatigue and diabetes mellitus: a prospective study. *Int J Adv Med* [Internet].

- 2019;6(3):800. Available from: <https://doi.org/10.18203/2349-3933.ijam20192242>
29. Sari AL. Perbedaan tingkat kecemasan dan depresi pada pasien diabetes mellitus tipe 2 dengan dan tanpa komplikasi di puskesmas Imogiri II. PSIK Fak Ilmu Keperawatan Univ 'Aisyiyah Yogyakarta [Internet]. 2018; Available from: <http://digilib.unisayogya.ac.id/4306/>
30. Rahmawati F, Indriansari A, Muharyani PW. Gambaran dukungan keluarga penderita diabetes mellitus tipe 2 di wilayah kerja Puskesmas Indralaya. Semin dan Work Nas Keperawatan "Implikasi Perawatan Paliat pada Bid Kesehatan" [Internet]. 2019;01:218–22. Available from: <http://conference.unsri.ac.id/index.php/SNK/article/view/742/372>
31. Abdelghani M, Hamed MG, Said A, Fouad E. Evaluation of perceived fears of COVID-19 virus infection and its relationship to health-related quality of life among patients with diabetes mellitus in Egypt during pandemic: a developing country single-center study. *Diabetol Int* [Internet]. 2021;2. Available from: <https://doi.org/10.1007/s13340-021-00511-8>
32. Alamri W, Alhofaian A, Mersal N. Quality of Life (QoL) among health care workers with diabetes mellitus: A literature review. *Clin Pract* [Internet]. 2021;11(4):801–26. Available from: <https://doi.org/10.3390/clinpract11040096>
33. Dewi D. Health-related quality of life penderita diabetes melitus di masa pandemi. *Higeia J Public Heal Res Dev* [Internet]. 2021;5(4):556–68. Available from:

<https://journal.unnes.ac.id/sju/index.php/higeia/article/view/49723>

34. Erniantin D, Udiyono A, Martini, Saraswati LD. Gambaran kualitas hidup penderita diabetes melitus pada anggota dan non anggota komunitas diabetes di Puskesmas Ngrambe. *J Kesehat Masy* [Internet]. 2018;6(1):215–24. Available from: <https://doi.org/10.14710/jkm.v6i1.19871>
35. WHO. WHOQOL user manual [Internet]. Geneva: Division of Mental Health and Prevention of Substance Abuse; 1998. 123–131 p. Available from: <https://apps.who.int/iris/handle/10665/77932>
36. Pincus J. The wellbeing of the Australian people: Comments on the treasury's framework. In: *Measuring and Promoting Wellbeing: How Important is Economic Growth?* [Internet]. Atlanta: ANU Press; 2014. Available from: <https://www.cdc.gov/hrqol/pdfs/mhd.pdf>
37. Hayes R, Reeve B. Measurement and modeling of health-related quality of life. *Epidemiology Demogr Public Heal* [Internet]. 2008;196–205. Available from: <https://doi.org/10.1016/B978-012373960-5.00336-1>
38. Sajid MS, Tonsi A, Baig MK. Health-related quality of life measurement. *Int J Health Care Qual Assur* [Internet]. 2008;21(4):365–73. Available from: <https://doi.org/10.1108/09526860810880162>
39. Kueh YC, Morris T, Borkoles E, Shee H. Modelling of diabetes knowledge, attitudes, self-management, and quality of life: A cross-sectional study with an Australian sample. *Health Qual Life Outcomes* [Internet]. 2015;13(1). Available from: <http://dx.doi.org/10.1186/s12955-015-0303-8>
40. Brunner L, Suddarth D, Smeltzer S. Brunner & Suddarth: Textbook of

- medical surgical nursing [Internet]. 12th ed. Philadelphia: Lippincott Williams & Wilkins; 2008. Available from: <https://rspmanguharjo.jatimprov.go.id/wp-content/uploads/2020/02/11.-Handbook-for-Brunner-and-Suddarths-Textbook-of-Medical-Surgical-Nursing-12th-Edition-Suzann.pdf>
41. Utami DT, Karim D, Agrina. Faktor-faktor yang mempengaruhi kualitas hidup pasien diabetes mellitus dengan ulkus diabetikum. *J Online Mhs Bid Ilmu Keperawatan* [Internet]. 2014;1(2):1–7. Available from: https://jom.unri.ac.id/index.php/JOM_PSIK/article/view/3434
 42. Herdianti H. Determinan kualitas hidup penderita dm tipe 2 di Rsud Ajjappange. *J Endur* [Internet]. 2017;2(1):74. Available from: <http://doi.org/10.22216/jen.v2i1.1662>
 43. Undén A-L, Elofsson S, Andréasson A, Hillered E, Eriksson I, Brismar K. Gender differences in self-rated health, quality of life, quality of care, and metabolic control in patients with diabetes. *Gend Med* [Internet]. 2008 Jun;5(2):162–80. Available from: <https://doi.org/10.1016/j.genm.2008.05.003>
 44. Siddiqui M, Khan M, Carline T. Genderdifferences in living with diabetes mellitus. *Mater Socio Medica* [Internet]. 2013;25(2):140. Available from: <https://doi.org/10.5455%2Fmsm.2013.25.140-142>
 45. Pisimisis T. Quality of life of people with diabetes mellitus in Greece [Internet]. UCL Institute of Epidemiology & Health Care; 2013. Available from:

https://www.researchgate.net/publication/316185411_Quality_of_Life_of_People_with_Diabetes_Mellitus_in_Greece

46. Sitorus N, Suriani O, Putri IYS. Determinan kualitas hidup penderita diabetes melitus tipe 2 di Kota Bogor [Internet]. Kementerian Kesehatan Republik Indonesia. 2018. Available from: <https://e-riset.litbang.kemkes.go.id/download.php?file=1>. Laporan-2018-Pusat 3-Determinan Kualitas .pdf
47. Wahyuni Y, N N, Anna A. Kualitas hidup berdasarkan karekteristik pasien diabetes melitus tipe 2. J Keperawatan Padjadjaran [Internet]. 2014;2(1):25–34. Available from: <https://doi.org/10.24198/jkp.v2i1.79>
48. Kaskurthy S, Nalluri HL, Thanait DR. Influence of education on quality of life in type 2 diabetic patients in a tertiary care teaching hospital. World J Pharm Pharm Sci [Internet]. 2014;3(11):1344–53. Available from: https://www.researchgate.net/publication/325988440_INFLUENCE_OF_EDUCATION_ON_QUALITY_OF_LIFE_IN_TYPE_2_DIABETIC_PATIENTS_IN_A_TERTIARY_CARE_TEACHING_HOSPITAL
49. Lintang AA, Mutiara H, Sari MI, Muhartono, Falamy R. Hubungan antara lama menderita diabetes melitus tipe 2 dengan kejadian peripheral arterial disease pada pasien diabetes melitus tipe 2 di Puskesmas Kedaton Kota Bandar Lampung. J Medula [Internet]. 2020;9(2):379–84. Available from: <http://repository.lppm.unila.ac.id/22104/1/DM> dgn PAD.Adinda%20CHM.pdf
50. Wu SFV, Courtney M, Edwards H, McDowell J, Shortridge-Baggett LM,

- Chang PJ. Self-efficacy, outcome expectations and self-care behaviour in people with type 2 diabetes in Taiwan. *J Clin Nurs* [Internet]. 2007;16(11):250–7. Available from: <https://doi.org/10.1111/j.1365-2702.2006.01930.x>
51. Lima LR de, Funghetto SS, Volpe CRG, Santos WS, Funez MI, Stival MM. Quality of life and time since diagnosis of diabetes mellitus among the elderly. *Rev Bras Geriatr e Gerontol* [Internet]. 2018;21(2):176–85. Available from: <http://dx.doi.org/10.1590/1981-22562018021.170187>
Original
52. Tulloch-Reid MK, Walker SP. Quality of life in Caribbean youth with diabetes. *West Indian Med J* [Internet]. 2009;58(3):250–6. Available from: <https://pubmed.ncbi.nlm.nih.gov/20043533/>
53. Pham TB, Nguyen TT, Truong HT, Trinh CH, Du HNT, Ngo TT, et al. Effects of diabetic complications on health-related quality of life impairment in vietnamese patients with type 2 diabetes. *J Diabetes Res* [Internet]. 2020;2020:1–8. Available from: <https://doi.org/10.1155/2020/4360804>
54. Solli O, Stavem K, Kristiansen IS. Health-related quality of life in diabetes: The associations of complications with EQ-5D scores. *Health Qual Life Outcomes* [Internet]. 2010;8(18):1–8. Available from: <http://www.hqlo.com/content/8/1/18>
55. Bani-Issa W. Evaluation of the health-related quality of life of Emirati people with diabetes: integration of sociodemographic and disease-related variables.

- East Mediterr Heal J [Internet]. 2011;17(11):825–30. Available from: <https://doi.org/10.26719/2011.17.11.825>
56. Soelistijo SA. Pedoman pengelolaan dan pencegahan diabetes melitus tipe 2 dewasa di Indonesia 2021 [Internet]. PB PERKENI; 2020. 46 p. Available from: www.ginasthma.org.
57. ADA. Defining and reporting hypoglycemia in diabetes. Diabetes Care [Internet]. 2005;28(5):1245–9. Available from: <https://doi.org/10.2337/diacare.28.5.1245>
58. Shafiee G, Mohajeri-Tehrani M, Pajouhi M, Larijani B. The importance of hypoglycemia in diabetic patients. J Diabetes Metab Disord [Internet]. 2012;11(1):1–7. Available from: <https://doi.org/10.1186%2F2251-6581-11-17>
59. Kalra S, Mukherjee J, Venkataraman S, Bantwal G, Shaikh S, Saboo B, et al. Hypoglycemia: The neglected complication. Indian J Endocrinol Metab [Internet]. 2013;17(5):819. Available from: <https://doi.org/10.4103%2F2230-8210.117219>
60. Mantovani A, Grani G, Chioma L, Vancieri G, Giordani I, Rendina R, et al. Severe hypoglycemia in patients with known diabetes requiring emergency department care: A report from an Italian multicenter study. J Clin Transl Endocrinol [Internet]. 2016;5:46–52. Available from: <https://doi.org/10.1016/j.jcte.2016.08.004>
61. Wu C, Ge YL, Zhang XY, Liu MC, Heng CN, Zhang LY, et al. The influence of hypoglycemia on the specific quality of life in type 2 diabetes mellitus: a

- comparative cross-sectional study of diabetics with and without hypoglycemia in Xi'an, China. *Health Qual Life Outcomes* [Internet]. 2021;19(1):1–12. Available from: <https://doi.org/10.1186/s12955-021-01790-0>
62. Williams SA, Pollack MF, DiBonaventura M. Effects of hypoglycemia on health-related quality of life, treatment satisfaction and healthcare resource utilization in patients with type 2 diabetes mellitus. *Diabetes Res Clin Pract* [Internet]. 2011;91(3):363–70. Available from: <http://dx.doi.org/10.1016/j.diabres.2010.12.027>
63. Care D, Suppl SS. Classification and diagnosis of diabetes: Standards of medical care in Diabetes 2018. *Diabetes Care* [Internet]. 2018;41(1):13–27. Available from: <https://doi.org/10.2337/dc18-S002>
64. Diabetes AA. Blood glucose testing and management hyperglycemia (high blood glucose) [Internet]. [cited 2022 Apr 11]. Available from: <https://www.diabetes.org/healthy-living/medication-treatments/blood-glucose-testing-and-control/hyperglycemia>
65. Michelle Mouri; Madhu Badireddy. Hyperglycemia [Internet]. StatPearls. Treasure Island (FL). 2022 [cited 2022 Jun 7]. p. 2–3. Available from: https://www.ncbi.nlm.nih.gov/books/NBK430900/?report=reader#_NBK430900_pubdet_
66. Elvira R, Urgilés M, Alexandra J, Pastuña T, Ángeles MDL, González E, et al. Type 2 diabetes mellitus and chronic complications. *Int J Innov Sci Res Technol* [Internet]. 2020;5(5):1906–11. Available from:

https://www.researchgate.net/publication/343682060_Type_2_Diabetes_Mellitus_and_Chronic_Complications

67. The Royal Australian College of General Practitioners and Diabetes Australia. Management of type 2 diabetes : A handbook for general practice [Internet]. East Melbourne: The Royal Australian College of General Practitioners Ltd; 2020. 165 p. Available from: <https://www.racgp.org.au/getattachment/41fee8dc-7f97-4f87-9d90-b7af337af778/Management-of-type-2-diabetes-A-handbook-for-general-practice.aspx>
68. Kamran JS, Jafroudin S, Ehsan L, Chafjiri AS, Paryad E. Quality of life in patients with diabetic retinopathy. *J Holist Nurs Midwifery* [Internet]. 2017;27(1):69–77. Available from: <http://dx.doi.org/10.18869/acadpub.hnmj.27.1.69>
69. Castillo JL de los R, Sosa JJS, Santiago PB, Rojas TLÁ. Quality of life in patients with diabetic nephropathy. *Investig y Educ en Enfermería* [Internet]. 2005;23(1):30–43. Available from: https://www.researchgate.net/publication/317512203_Quality_of_life_in_patients_with_diabetic_nephropathy
70. Suzanne V. Arnold, Khunti K, Tang F, Chen H, Nicolucci A, Gomes MB, et al. Impact of micro- and macrovascular complications of type 2 diabetes on quality of life: insights from the DISCOVER prospective cohort study. *Endocrinol Diabetes Metab* [Internet]. 2022;5:6–7. Available from: <https://doi.org/10.1002/edm2.321>

71. WHO. International classification of functioning, disability and health : ICF [Internet]. Geneva: World Health Organization; 2001. Available from: <http://whqlibdoc.who.int/publications/2001/9241545429.pdf>
72. WHO. Towards a common language for functioning, disability and health: ICF [Internet]. Vol. 1149, World Health Organization. Geneva; 2002. 1–22 p. Available from: <http://www.who.int/classifications/icf/training/icfbeginnersguide.pdf>
73. Group W. Development of the WHOQOL: Rationale and current status. *Int J Ment Health* [Internet]. 1994;23(3):24–56. Available from: <http://dx.doi.org/10.1080/00207411.1994.11449286>
74. Group W. The world health organization quality of life assessment (WHOQOL): Position paper from the world health organization. *Soc Sci Med* [Internet]. 1995;41(10):1403–9. Available from: [https://doi.org/10.1016/0277-9536\(95\)00112-K](https://doi.org/10.1016/0277-9536(95)00112-K)
75. Skevington SM, Sartorius N, Amir M, Sartorius N, Orley J, Kuyken W, et al. Developing methods for assessing quality of life in different cultural settings - The history of the WHOQOL instruments. *Soc Psychiatry Psychiatr Epidemiol* [Internet]. 2004;39(1):1–8. Available from: <https://doi.org/10.1007/s00127-004-0700-5>
76. Abdullah MF, Mohd Nor N, Mohd Ali SZ, Ismail Bukhary NB, Amat A, Abdul Latif L, et al. Validation of the comprehensive icf core sets for diabetes mellitus: A Malaysian perspective. *Ann Acad Med Singapore* [Internet]. 2011;40(4):168–78. Available from:

<http://dx.doi.org/10.47102/annals-acadmedsg.V40N4p168>

77. Ruof J, Cieza A, Wolff B, Angst F, Ergeletzis D, Omar Z, et al. ICF core sets for diabetes mellitus. *J Rehabil Med Suppl* [Internet]. 2004;(44):100–6. Available from: <https://doi.org/10.1080/16501960410016802>
78. Masturoh I, Anggita N. *Metodologi Penelitian Kesehatan*. Jakarta: Pusat Pendidikan Sumber Daya Manusia Kesehatan; 2018.
79. Alcantara MA, De Souza RA, De Oliveira FA, Pinhal KC. Using the ICF framework to evaluate the effects of environmental factors on physical disability among people with diabetes mellitus. *Physiother Theory Pract* [Internet]. 2020;36(3):424–31. Available from: <https://doi.org/10.1080/09593985.2018.1488191>
80. Fatma S, Noohu MM. Classification of functionality of people with diabetic peripheral neuropathy based on international classification of functioning, disability and health Core set (ICF-CS) of diabetes mellitus. *J Diabetes Metab Disord* [Internet]. 2020;19(1):213–21. Available from: <https://doi.org/10.1007/s40200-020-00493-5>
81. Siyoto S, Sodik MA. *Dasar metodologi penelitian*. 1st ed. Yogyakarta: Literasi Media; 2015.
82. Samsu. *Metode penelitian: teori dan aplikasi penelitian kualitatif, kuantitatif, mixed methods, serta research & development*. Diterbitkan oleh: Pusat Studi Agama dan Kemasyarakatan (PUSAKA). 2017. 22–34 p.
83. Polit DF, Beck CT. *Nursing Research: Principles and Methods*. 7th ed. Philadelphia: Lippincott Williams & Wilkins; 2003.

84. Sugiyono. Metode Penelitian Kuantitatif, Kualitatif, dan R&D. Bandung: Alfabeta; 2013.
85. Stephani E. Slovin formula sampling technique. New York: Houghton Mifflin; 2003.
86. Nursalam. Metodologi Penelitian Ilmu Keperawatan : Pendekatan Praktis. 4th ed. Jakarta: Salemba Medika; 2015.
87. Notoatmodjo S. Metodologi Penelitian Kesehatan [Internet]. Jakarta: Rineka Cipta; 2012. Available from: <https://www.scribd.com/document/378259162/Metodologi-Penelitian-Kesehatan-Notoatmodjo>
88. World Health Organisation. WHOQOL-BREF scoring instructions [Internet]. Washington: WHO; 1997. 1–12 p. Available from: <https://depts.washington.edu/seaqol/WHOQOL-BREF>
89. Badan Pusat Statistik. Pendidikan: Badan Pusat Statistik [Internet]. [cited 2022 Aug 9]. Available from: <https://www.bps.go.id/subject/28/pendidikan.html>
90. Diskominfo. Data Sektoral - - Data Jumlah Penduduk Per Profesi Kab. Magelang Tahun 2021 [Internet]. Pusaka Gemilang. 2021 [cited 2022 Aug 9]. Available from: <https://pusaka.magelangkab.go.id/penduduk/pekerjaan>
91. Sistem Informasi Rujukan Statistik - View Indikator [Internet]. [cited 2022 Aug 9]. Available from: <https://sirusa.bps.go.id/sirusa/index.php/indikator/1546>
92. Dryden M, Baguneid M, Eckmann C, Corman S, Stephens J, Solem C, et al.

- Pathophysiology and burden of infection in patients with diabetes mellitus and peripheral vascular disease: Focus on skin and soft-tissue infections. *Clin Microbiol Infect* [Internet]. 2015;21(2):27–32. Available from: <https://doi.org/10.2337/dc16-1594>
93. Mohammedi K, Woodward M, Zoungas S, Li Q, Harrap S, Patel A, et al. Absence of peripheral pulses and risk of major vascular outcomes in patients with type 2 diabetes. *Diabetes Care* [Internet]. 2016;39(12):2270–7. Available from: <https://doi.org/10.2337/dc16-1594>
94. Group W. The World Health Organization: Quality of life (WHOQOL) - BREF: Indonesian [Internet]. The World Health Organization. Geneva; 2004. Available from: <https://www.who.int/tools/whoqol/whoqol-bref/docs/default-source/publishing-policies/whoqol-bref/indonesian-whoqol-bref>.
95. Ch Salim O, Sudharma NI, Kusumaratna RK, Hidayat A. Validity and reliability of World Health Organization Quality of Life-BREF to assess the quality of life in the elderly. *Universa Medica* [Internet]. 2007;26(1):27–38. Available from: <https://doi.org/10.18051/UnivMed.2007.v26.27-38>
96. Purba FD, Hunfeld JAM, Iskandarsyah A, Fitriana TS, Sadarjoen SS, Passchier J, et al. Quality of life of the Indonesian general population: Test-retest reliability and population norms of the EQ-5D-5L and WHOQOL-BREF. *PLoS One* [Internet]. 2018;13(5):1–20. Available from: <http://dx.doi.org/10.1371/journal.pone.0197098>
97. WHO. WHOQOL-BREF: introduction, administration, scoring and generic

- version of the assessment [Internet]. Geneva: World Health Organization; 1996. p. 1–16. Available from: <http://apps.who.int/iris/bitstream/handle/10665/63529/WHOQOL-BREF.pdf?sequence=1&isAllowed=y>
98. Abbas A, Soltani M, Mansori K, Khazaei M, Sohrabi M, Baradaran H, et al. Comparison of sf-36 and whoqol-bref in measuring quality of life in patients with type 2 diabetes. *Int J Gen Med* [Internet]. 2020;13:497–506. Available from: <https://doi.org/10.2147%2FIJGM.S258953>
 99. Azwar S. *Validitas dan reliabilitas*. Yogyakarta: Pustaka Belajar; 1999.
 100. Sujarweni VW. *SPSS untuk paramedis*. Yogyakarta: Gava Media; 2012.
 101. Priyono. *Metode Penelitian Kuantitatif*. Sidoarjo: Zifatama; 2008.
 102. Kemenkes. *Pedoman dan Standar Etik Penelitian dan Pengembangan Kesehatan Nasional*. Kementerian Kesehat RI [Internet]. 2017;1–158. Available from: <http://www.depkes.go.id/article/view/17070700004/program-indonesia-sehat-dengan-pendekatan-keluarga.html>
 103. Gálvez Galán I, Cáceres León MC, Guerrero-Martín J, López Jurado CF, Durán-Gómez N. Health-related quality of life in diabetes mellitus patients in primary health care. *Enferm Clin* [Internet]. 2021;31(5):313–22. Available from: <https://doi.org/10.1016/j.enfcli.2021.03.001>
 104. Jain V, Shivkumar S, Gupta O. Health-related quality of life (Hr-Qol) in patients with type 2 diabetes mellitus. *N Am J Med Sci* [Internet]. 2014;6(2):96–101. Available from: <https://doi.org/10.4103/1947->

2714.127752

105. MsK A, BKOA K, Marzooqi F, Murri S, Alketbi L. Evaluation of health-related quality of life in patients with diabetes in different care settings a cross sectional study in Alain, UAE. *Eur PMC* [Internet]. 2021;1–35. Available from: <https://doi.org/10.21203/rs.3.rs-640510/v1>
106. Bani-Issa W. Evaluation of the health-related quality of life of Emirati people with diabetes: Integration of sociodemographic and disease-related variables. *East Mediterr Heal J* [Internet]. 2011;17(11):825–30. Available from: <https://doi.org/10.26719/2011.17.11.825>
107. Bosić-Živanović D, Medić-Stojanoska M, Kovačev-Zavišić B. The quality of life in patients with diabetes mellitus type 2. *Vojnosanit Pregl* [Internet]. 2012;69(10):858–63. Available from: <https://doi.org/10.2298/VSP1210858B>
108. Nørholm V, Bech P. The WHO quality of life (WHOQOL) questionnaire: Danish validation study. *Nord J Psychiatry* [Internet]. 2001;55(4):229–35. Available from: <https://doi.org/10.1080/080394801681019075>
109. Aschalew AY, Yitayal M, Minyihun A. Health-related quality of life and associated factors among patients with diabetes mellitus at the University of Gondar referral hospital. *Health Qual Life Outcomes* [Internet]. 2020;18(1):1–8. Available from: <https://doi.org/10.1186/s12955-020-01311-5>
110. Restada E. Hubungan lama menderita dan komplikasi diabetes melitus dengan kualitas hidup pada penderita diabetes melitus di wilayah Puskesmas

- Gatak Sukoharjo. [Internet]. Muhammadiyah Surakarta; 2016. Available from: <http://eprints.ums.ac.id>
111. Trusda SAD, Purbaningsih W, Budiman B, Fitriadi SSN. Characteristics of patients with type 2 diabetes mellitus in Al-Ihsan Regional General Hospital. *Glob Med Heal Commun* [Internet]. 2021;9(2):150–7. Available from: <https://doi.org/10.29313/gmhc.v9i2.8123>
 112. Rachmantoko R, Afif Z, Rahmawati D, Rakhmatiar R, Nandar Kurniawan S. Diabetic Neuropathic Pain. *JPHV (Journal Pain, Vertigo Headache)* [Internet]. 2021;2(1):8–12. Available from: <https://doi.org/10.21776/ub.jphv.2021.002.01.3>
 113. Mardastuti Y, Asmedi A, Gofir A. Diabetic neuropathy symptom-versi Indonesia dan diabetic neuropathy examination-versi Indonesia sebagai skor diagnostik. *Berk Neurosains* [Internet]. 2016;15(2):55–65. Available from: <https://jurnal.ugm.ac.id/bns/article/view/55750>
 114. Kalra S, Sahay R. Diabetes fatigue syndrome. *Diabetes Ther* [Internet]. 2018;9(4):1421–9. Available from: <https://doi.org/10.1007/s13300-018-0453-x>
 115. Handayani D, Dominica D, Pertiwi R, Putri FR., Chalifatul T, Ananda D. Evaluasi kualitas hidup pasien diabetes melitus tipe 2 dengan antidiabetik oral di Rumah Sakit Harapan dan Do'a Kota Bengkulu. *J Ilm Farm Farmasyifa* [Internet]. 2022;5(1):9–19. Available from: <https://doi.org/10.29313/jiff.v5i1.7983>
 116. Xu H, Tang L, Hu Z, Gao F, Yang Y, Qin L, et al. Association between

- physical activity and health-related quality of life in elderly individuals with pre-diabetes in rural Hunan Province, China: A cross-sectional study. *BMJ Open* [Internet]. 2018;8(4):1–11. Available from: <http://dx.doi.org/10.1136/bmjopen-2017-019836>
117. Tsai YW, Kann NH, Tung TH, Chao YJ, Lin CJ, Chang KC, et al. Impact of subjective sleep quality on glycemic control in type 2 diabetes mellitus. *Fam Pract* [Internet]. 2012;29(1):30–5. Available from: <https://doi.org/10.1093/fampra/cmr041>
118. Tentero IN, Pangemanan DHC, Polii H. Hubungan diabetes melitus dengan kualitas tidur. *J e-Biomedik* [Internet]. 2016;4(2). Available from: <https://doi.org/10.35790/ebm.4.2.2016.14626>
119. Simarmata PC, Sitepu K, Sitepu SDEU, Sitepu AL, Ginting R. Faktor-faktor yang mempengaruhi gangguan tidur pada pasien diabetes melitus. *J Keperawatan Dan Fisioter* [Internet]. 2020;3(1):65–70. Available from: <https://doi.org/10.35451/jkf.v3i1.528>
120. Walker J, Bradley C. Assessing the quality of life of adolescents with diabetes: Using the SEIQoL, DQoL, patient and diabetes specialist nurse ratings. *Pract Diabetes Int* [Internet]. 2002;19(5):141–4. Available from: <https://doi.org/10.1002/pdi.348>
121. Gavrić Ž, Grujić-Vujmilović D. Perceptions of psychological domain of quality of life in patients with diabetes mellitus. *Open J Prev Med* [Internet]. 2014;04(06):489–98. Available from: <https://doi.org/10.4236/ojpm.2014.46057>

122. Kolawole BA, Mosaku SK, Ikem RT. A comparison of two measures of quality of life of nigerian clinic patients with type 2 diabetes mellitus. *Afr Health Sci* [Internet]. 2009;9(3):161–6. Available from: <https://pubmed.ncbi.nlm.nih.gov/20589144/>
123. Aghamollaei T, Eftekhari H, Shojaeizadeh D, Mohammad K, Nakhjavani M, Pour FG. Behavior, metabolic control and health-related quality of life in diabetic patients at Bandar Abbas diabetic clinic. *Iran J Publ Heal* [Internet]. 2004;32(3):54–9. Available from: <http://ijph.tums.ac.ir/files/journals/1/articles/1546/public/1546-1539-1-PB.pdf>
124. Al Hayek AA, Robert AA, Al Saeed A, Alzaid AA, Al Sabaan FS. Factors associated with health-related quality of life among saudi patients with type 2 diabetes mellitus: A cross-sectional survey. *Diabetes Metab J* [Internet]. 2014;38(3):220–9. Available from: <https://doi.org/10.4093/dmj.2014.38.3.220>
125. Reddy J, Wilhelm K, Campbell L. Putting PAID to diabetes-related distress: The potential utility of the problem areas in diabetes (PAID) scale in patients with diabetes. *Psychosom Med* [Internet]. 2013;54(1):44–51. Available from: <http://dx.doi.org/10.1016/j.psych.2012.08.004>
126. Sharma S, Dhediya RM, Gaurav K. The psychosocial impact of diabetes and its management in women: A review of current status. *Endocrinol Disord* [Internet]. 2021;5(7):1–04. Available from: <https://doi.org/10.31579/2640-1045/091>

127. Singh H, Bradley C. Quality of life in diabetes. *Int J Diabetes Dev Ctries* [Internet]. 2006;26(1):7–10. Available from: <http://dx.doi.org/10.4103/0973-3930.26882>
128. Tamornpark R, Utsaha S, Apidechkul T, Panklang D, Yeemard F, Srichan P. Quality of life and factors associated with a good quality of life among diabetes mellitus patients in northern Thailand. *Health Qual Life Outcomes* [Internet]. 2022;20(1):1–11. Available from: <https://doi.org/10.1186/s12955-022-01986-y>
129. De Sousa MC, Dias FA, Nascimento JS, Dos Santos Tavares DM. Correlation of quality of life with knowledge and attitude of diabetic elderly. *Investig y Educ en Enferm* [Internet]. 2016;34(1):180–8. Available from: <https://doi.org/10.17533/udea.iee.v34n1a20>
130. Van Holle V, Deforche B, Van Cauwenberg J, Goubert L, Maes L, Van de Weghe N, et al. Relationship between the physical environment and different domains of physical activity in European adults: a systematic review. *BMC Public Health* [Internet]. 2012;12(1):807. Available from: <https://doi.org/10.1186/1471-2458-12-807>
131. DenBraver NR, Lakerveld J, Rutters F, Schoonmade LJ, Brug J, Beulens JWJ. Built environmental characteristics and diabetes: A systematic review and meta-analysis. *BMC Med* [Internet]. 2018;16(1):1–26. Available from: <https://doi.org/10.1186/s12916-017-0997-z>
132. Isabella, Mamangkey, Kapantow NH., Ratag BT. Hubungan antara tingkat pendidikan dan riwayat keluarga menderita dm dengan kejadian dm tipe 2

- pada pasien rawat jalan di poliklinik penyakit dalam BLU RSUP Prof. dr. r. Kandou Manado. *Fak Kesehat Masy Univ Sam Ratulangi* [Internet]. 2014;1–6. Available from: <https://fkm.unsrat.ac.id/wp-content/uploads/2014/11/ARTIKEL-Isabella.pdf>
133. Shrestha K, Tamrakar N. Health related quality of life of diabetic patients. *Kathmandu Univ Med J* [Internet]. 2019;17(68):316–21. Available from: https://www.researchgate.net/publication/343305418_Health_Related_Quality_of_Life_of_Diabetic_Patients
134. Manjunath K, Christopher P, Gopichandran V, Rakesh PS, George K, Prasad JH. Quality of life of a patient with type 2 diabetes : A cross-sectional study in Rural South India. *J Fam Med Prim Care* [Internet]. 2014;3(4):1–10. Available from: <https://doi.org/10.4103/2249?4863.148124>
135. Catherine A. Chesla, Lawrence Fisher, Joseph T. Mullan, Marilyn M, Phillip Gardiner, Kevin Chun RK. Family and disease management in African-American patients with type 2 diabetes. *Diabetes Care* [Internet]. 2004;27(12):2850–5. Available from: <https://doi.org/10.2337/diacare.27.12.2850>
136. Amelia R, Wahyuni AS, Ariga Felicia RA, Preveena. Relationship between family support with quality of life among type 2 diabetes mellitus patients at Amplas primary health care in Medan, Indonesia. *J Phys Conf Ser* [Internet]. 2018;1116(5):1–4. Available from: <https://doi.org/10.1088/1742-6596/1116/5/052004>
137. Yusra A. Hubungan antara dukungan keluarga dengan kualitas hidup pasien

- diabetes mellitus tipe 2 di poliklinik penyakit dalam Rumah Sakit Umum Pusat Fatmawati Jakarta [Internet]. Universitas Indonesia; 2011. Available from: <https://lib.ui.ac.id/file?file=digital/20280162-T Aini Yusra.pdf>
138. Maiorino MI, Bellastella G, Esposito K. Diabetes and sexual dysfunction: Current perspectives. *Diabetes, Metab Syndr Obes Targets Ther* [Internet]. 2014;7:95–105. Available from: <https://doi.org/10.2147/DMSO.S36455>
139. Asefa A, Nigussie T, Henok A, Mamo Y. Prevalence of sexual dysfunction and related factors among diabetes mellitus patients in Southwest Ethiopia. *BMC Endocr Disord* [Internet]. 2019;19(1):1–8. Available from: <https://doi.org/10.1186/s12902-019-0473-1>
140. Malik MZ, Mikawati, Purnamasari D. Relationship between sexual needs and the quality of life of diabetes mellitus patients. *KnE Life Sci* [Internet]. 2021;535–44. Available from: <https://doi.org/10.18502/cls.v6i1.8643>
141. Kalka D. Sexual satisfaction, relationship satisfaction, and quality of Life in individuals with type 2 diabetes: Evidence from Poland. *Sex Disabil* [Internet]. 2018;36(1):69–86. Available from: <https://doi.org/10.1007/s11195-017-9516-6>
142. Silva-Tinoco R, Cuatecontzi-Xochitiotzi T, De La Torre-Saldaña V, León-García E, Serna-Alvarado J, Orea-Tejeda A, et al. Influence of social determinants, diabetes knowledge, health behaviors, and glycemic control in type 2 diabetes: An analysis from real-world evidence. *BMC Endocr Disord* [Internet]. 2020;20(1):1–11. Available from: <https://doi.org/10.1186/s12902-020-00604-6>

143. Okon I. Health-related quality of life of diabetes mellitus patients and non-diabetic persons in Calabar, Cross River State, Nigeria. *Texila Int J Public Heal* [Internet]. 2018;6(3):154–63. Available from: <https://doi.org/10.21522/tijph.2013.06.03.art015>
144. Alruthia Y, Sales I, Almalag H, Alwhaibi M, Almosabhi L, Albassam AA, et al. The relationship between health-related quality of life and trust in primary care physicians among patients with diabetes. *Clin Epidemiol* [Internet]. 2020;12:143–51. Available from: <https://doi.org/10.2147/CLEP.S236952>
145. Okafor CN, Akosile CO, Nkechi CE, Nwankwo CM, Okoronkwo IL, Uzo P, et al. Effect of educational intervention programme on the health-related quality of life (HRQOL) of individuals with type 2 diabetes mellitus in south-east, Nigeria. *Res Sq* [Internet]. :1–13. Available from: <http://dx.doi.org/10.21203/rs.3.rs-2118064/v1>
146. Suciana F, Arifianto D. Penatalaksanaan 5 pilar pengendalian dm terhadap kualitas hidup pasien dm Ttpe 2. *J Ilm Permas J Ilm STIKES Kendal* [Internet]. 2019;9(4):311–8. Available from: <https://journal.stikeskendal.ac.id/index.php/PSKM/article/view/587/351>